

**DOCKET NO: PHRM0018-100/00188.US1**  
**Serial No.: 09/899,495**

**PATENT**  
**Filing Date: July 5, 2001**

**RESPONSE UNDER 37 CFR 1.116**  
**EXPEDITED PROCEDURE**  
**EXAMINING GROUP NO. 1647**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re application of: Benjamin *et al.***

**Serial No.: 09/899,495**

**Group Art Unit: 1647**

**Filed: July 5, 2001**

**Examiner: Robert S. Landsman**

**Title: HUMAN ION CHANNELS**

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**Commissioner for Patents**  
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**Dear Sir:**

**AMENDMENT**

In response to the Office Action of June 14, 2004, please amend the above-identified application as follows.

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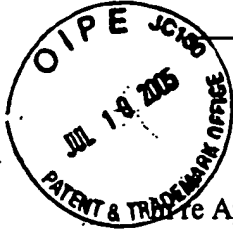
By



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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Application of:

**Christopher W. Benjamin**

Group Art Unit: 1647

Application No.: 09/899,495

Examiner: **Landsman, Robert S.**

Filing Date: **July 5, 2001**

For: **HUMAN ION CHANNELS (IONS 147-155)**

Commissioner for Patents  
Mail Stop RCE  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**Reply with Amendment under 37 CFR 1.116**

In response to the Official Action, made final and dated June 14, 2004, reconsideration is respectfully requested in view of the amendments, remarks and other papers as indicated below:

- ☒ Amendments to the Claims are reflected in the Listing of the Claims which is found as Page 2 of this Paper,
- ☒ Remarks begin on Page 3 of this Paper
- ☒ Petition for Extension of Time for Five Months (in duplicate).
- ☒ An RCE Petition, in duplicate.

**Preliminary Remarks**

The present Reply with Amendment follows the filing by Applicant of a Notice of Appeal on December 14, 2004. The present submission timely responds to the Final Official of June 14, 2004, and the subsequent Advisory Action, mailed January 18, 2005.